Table 1: March 4, 1998 - Subsystem Status.

SS No.	SS Lead	Status	Problems
1.0	Escuadra /Cooper	• Analyzing TRMM data. (Anselmo, Hess, Lee, Spence, Weaver) • Continue monitoring TRMM operations. (Hess, Weaver) • Continue work to get Solar Angle data into the proper format for all Beta Angle plot types used with ERBE. (Filer) • Continuing updates to SS1 code to fix all problems found in TRMM Data for Software version 2.3. (Anselmo, Cooper, Escuadra, Hess, Rodier) • Adding attributes to BDS and IES for units, etc. (Rodier) • Continuing work on SS1 metadata as new errors are found, or new requirements are found. (Rodier) • Continue analyzing SpaceClamp data for short-scan profile. (Spence) • Continue work on change to geodetic coordinate system for BDS and IES. Change BDS conversion to Pre-ES8 to convert to geocentric for ERBELike processing. Verifying new output. (Anselmo, Cooper, Escuadra, Lee, Weaver) • Working with other subsystems to customize the generalized HDF read routines for their use. (Lee, Spence)	

Table 1: March 4, 1998 - Subsystem Status.

SS No.	SS Lead	Status	Problems
2.0	Chang	• Worked with Tammy to test the ERBE-like software delivered to CM. A few changes were made and the final package was delivered to the DAAC on 02/23/98. (Chang, Snell) • Evaluated 01/29/98 and 02/01/98 ES-8 for the big difference on the numbers of R > 2 for RAPS data from these 2 days. (Chang) • Working with Norm on running ERBE-like Inversion from his directory on thunder and evaluating the output results. (Chang) • Adding the ADM graphics application to the Web site. (Flug) • Modified the ES-4 difference plotting programs and generated 60 comparison plots to show the differences between version 1 and version 2 of ES-4G ERBS data from ERBE data reprocessing. (Liu) • Developing an IDL Program that will graphically map the FOV, Scene ID Parameter and other parameters in both ES8 binary and ES8 HDF files. (Kizer) • Adapted Kam-Pui and Pete's HDF read routines for the ES-8 HDF-EOS and submitted to the DAAC with files CER_ES8_TRMM-PFM_AtLaunch_00000.19980105 and CER_ES8_TRMM-PFM_AtLaunch_00000.19980112. (Snell) • Working on an F90 ES-8 HDF-EOS read program that uses Kam-Pui and Pete's HDF read routines. (Snell) • Modified ES4 HDF code to adapt to filename changes and TOOLKIT changes. (Snell)	
3.0	Chang	• Combined with above.	

Table 1: March 4, 1998 - Subsystem Status.

SS No.	SS Lead	Status	Problems
4.1	Murray	• Designed and coded a module to interpolate the MOA Skin temperature between current and adjacent regions to improve the smoothness of the data. (Sun-Mack) • Implemented modifications to Clouds Thresholds as indicated at Team Meetings. Modified thresholds included TLim, and various sigma and standard deviations over various land types. (Sun-Mack) • Began preliminary efforts to validate the VIRS data and cloud properties by running Dec 28, 1997. (Sun-Mack, Murray) • Began work on the Clouds web pages. Will reflect current work and will be used as a tool for communication between the Clouds Team members. (Sun-Mack, Murray) • Integration of the Clouds code was completed at the DAAC. Identified problems with and delivered various corrections to the PCF input file generator. At this time, Clouds is operating at the DAAC. (Murray, DAAC) • Integrated and tested code to calculate percentage of saturated radiances in the Imager data sets. (Murray)	
4.2	Murray	• Combined with above.	
4.3	Murray	• Combined with above.	

Table 1: March 4, 1998 - Subsystem Status.

SS No.	SS Lead	Status	Problems
4.4	McKinley	• Produced sample footprint plot of RAPS-crosstrack transition and narrative for posting on CERES/ TRMM quick-look validation web page. (McKinley) • Investigating failed hours in DAAC processing. Unable to duplicate problem on samantha using DAAC executable and input files. (Miller, Murray) • Continued validation of the TRMM SSF using DX and IDL. (McKinley, Miller) • Completed a set of routines to perform a formatted print on convolution elements of the binary QC report. (Miller, Dunton) • Identified a point of contact for MODIS example and simulation data sets. (Miller) • Started reviewing the current draft of the User's Guide. (Miller) • Successfully tested CERESlib updates (meta_util, header_time, and surfmap_IO). (Miller)	
4.5	Nolan	• Completed and delivered the sample SSF HDF reader for Subsystem 4.5 & 4.6. (Franklin)	
4.6	Nolan	• Combined with above.	
5.0	Coleman	• Validating software to convert CRS from binary to HDF. (Gupta) • Tracked down differences between two runs of 861001_05. (Coleman, Gupta) • Continued development of software to analyze multiple QC reports. (Coleman)	
7.2	Coleman	• Combined with above.	
12.0	Coleman	• Worked with DAAC personnel to help solve several MOA production software problems. (Kizer) • Added new features to MOA Graphics software to graphically show MOA data in an interactive widget program. (Kizer) • Generated and supplied DAAC with software for preprocessing of NCEP Surface Flux files to extract backup Surface Temperature input data. (Kizer)	
7.1	Jimenez	• Combined with below.	

Table 1: March 4, 1998 - Subsystem Status.

SS No.	SS Lead	Status	Problems
8.0	Jimenez	• Combined with below.	
10.0	Jimenez	• Continued making modifications to code to prepare for next update delivery. (Jimenez) • Gave output files of SRBAVG data to Georgia Liu to plot on the Web. (Jimenez) • Modified the HDF read software from Instrument Subsystem to read TISA Averaging HDF-EOS products. (Jimenez, Raju) • Continue to modify and write test routines in order to verify subsystem code. (Raju) • Began modifying Test Plan for upcoming delivery. (Jimenez) • Made corrections to the draft HDF DPC. (Jimenez, Raju) • Began modifying code from surface algorithms to compute precipitable water beneath the cloud needed for column-weighted algorithms. (Jimenez)	
6.0	McKoy	• Delivered the TISA Gridding software to CERES CM. (McKoy). • Updating the Test Plan for this delivery of the TISA Gridding software. (McKoy). • Reviewing the DPCs for FSW and SFC. (McKoy, Costulis, Mitchum) • Looking at the TISA Gridding software that was delivered for the 30-day test for the SSF hours that failed. (McKoy) • Working on the read software for the TISA Gridding products. Successfully read the FSW HDF product using a slightly adjusted version of Pete Spence's HDF read program. (Nguyen)	
9.0	McKoy	• Combined with above.	

Table 1: March 4, 1998 - Subsystem Status.

SS No.	SS Lead	Status	Problems
11.0	Stassi/ Fan	• Modified dump_ggeo program to produce 7 more variables to be displayed graphically by the GrADS package. Modified Tak's GrADS program and its metadata for these new variables and fixed the color scale to be consistent between different frames of movies. (Fan) • Put preliminary qafile module into GGEO source code. (Stassi) • Ran half the Dec'97 METEOSAT data through the GGEO main- and post-processors. The midnight anomaly that showed up in the Apr'96 data was not present. (Stassi)	
CERESlib Stassi/ Fan		• Added c_f90_interface.f90 and c_f90_interface_c.c files to contain C wrappers to the Fortran routines. The only wrapper currently available is one to the cereslib_date() function. (Stassi) • Modified the header_time() function in the ceres_time module so that UTC format is not used to display a non-UTC time. (Stassi) • Put analysts' modifications into validation version of CERESlib. CERESlib has been delivered to CM for another DAAC delivery. (Stassi) • Tested the three latest Toolkit patches. (Fan)	• GRing points need to be specified clockwise.
CM	Ayers	• Delivered CERES subsystems 2.0 & 3.0 (ERBE-like) and made delta deliveries of subsystems 1.0 (Instrument) and 4.1 - 4.4 (Clouds) to the DAAC. (Ayers)	
IST	Flug	• No new updates.	